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| Form PTO-1449 (Rev. 8-83) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO: 102689-27 | APPLICATION NO: 09/613,940 |
| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | | APPLICANTS: C. Simons et al. | |
| | | FILING DATE: July 11, 2000 | GROUP ART UNIT: 2731 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE* |
|---------------------|----|-----------------|---|---|---|---|---|---|-------|-----------------|-------|----------|--------------------------------|
| | AA | 4 | 9 | 4 | 2 | 5 | 4 | 0 | 07/90 | Black et al. | 364 | 514 | |
| | AB | 5 | 5 | 1 | 5 | 4 | 0 | 3 | 05/96 | Sloan et al. | 375 | 371 | |
| | AC | 5 | 6 | 3 | 8 | 4 | 1 | 0 | 06/97 | Kuddes | 375 | 357 | |
| | AD | 5 | 7 | 2 | 6 | 6 | 0 | 7 | 03/98 | Brede et al. | 331 | 2 | |
| | AE | 5 | 8 | 5 | 0 | 3 | 9 | 9 | 12/98 | Ganmukhi et al. | 370 | 412 | |
| | AF | 5 | 9 | 0 | 3 | 5 | 6 | 4 | 05/99 | Ganmukhi et al. | 370 | 399 | |
| | AG | 5 | 9 | 0 | 5 | 7 | 3 | 0 | 05/99 | Yang et al. | 370 | 429 | |
| | AH | 5 | 9 | 2 | 6 | 4 | 6 | 3 | 07/99 | Ahearn et al. | 370 | 254 | |
| | AI | 5 | 9 | 5 | 3 | 3 | 1 | 4 | 09/99 | Ganmukhi et al. | 370 | 220 | |
| | AJ | 5 | 9 | 9 | 1 | 1 | 6 | 3 | 11/99 | Marconi et al. | 361 | 788 | |
| | AK | 5 | 9 | 9 | 1 | 2 | 9 | 7 | 11/99 | Palnati et al. | 370 | 389 | |
| | AL | 5 | 9 | 9 | 5 | 5 | 1 | 1 | 11/99 | Zhou et al. | 370 | 412 | |
| | AM | 6 | 0 | 0 | 8 | 8 | 0 | 5 | 12/99 | Land et al. | 345 | 335 | |
| | AN | 6 | 0 | 0 | 8 | 9 | 9 | 5 | 12/99 | Pusateri et al. | 361 | 796 | |

FOREIGN PATENT DOCUMENTS

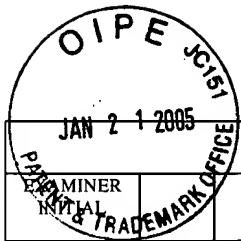
| | | DOCUMENT NUMBER | | | | | | | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|---|---|---|---|---|---|-------|---------|-------|----------|-------------|----|
| | | | | | | | | | | | | | YES | NO |
| | BA | 9 | 8 | 2 | 6 | 6 | 1 | 1 | 06/98 | PCT | | | | |
| | BB | 9 | 9 | 0 | 5 | 8 | 2 | 6 | 02/99 | PCT | | | | |
| | BC | 9 | 9 | 1 | 1 | 0 | 9 | 5 | 03/99 | PCT | | | | |

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----------|---|
| CA | "The Abatis Network Services Contractor," Abatis Systems Corporation product literature, 1999; |
| CB | AtiMe-3E Data Sheet, 1-17 (March 8, 2000); |
| Examiner | Date Considered: |
| | *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant. |

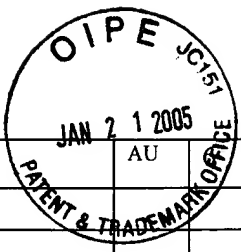
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|--|--|-------|---------------------|-------|----------|-----------------------------|----|--|--|--|--|--|--|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE* | | | | | | | |
| AO | 6 0 1 5 3 0 0 | 01/00 | Schmidt, Jr. et al. | 439 | 61 | | | | | | | | |
| AP | 6 0 2 1 1 1 6 | 02/00 | Chiussi et al. | 370 | 236 | | | | | | | | |
| AQ | 6 0 2 1 2 6 3 | 02/00 | Kujoory et al. | 395 | 200.62 | | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | | | | | | |
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | | | | | | | |
| | | | | | | YES | NO | | | | | | |
| BD | 9 9 1 4 8 7 6 | 03/99 | PCT | | | | | | | | | | |
| BE | 9 9 2 7 6 8 8 | 06/99 | PCT | | | | | | | | | | |
| OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | | | | | | |
| CC | Black, D., "Building Switched Networks," pp. 85-267; | | | | | | | | | | | | |
| CD | Black, D., "Managing Switched Local Area Networks A Practical Guide" pp. 324-29; | | | | | | | | | | | | |
| CE | "Configuration," Cisco Systems Inc. webpage, pp. 1-32 (September 20, 1999); | | | | | | | | | | | | |
| CF | Leroux, P., "The New Business Imperative: Achieving Shorter Development Cycles while Improving Product Quality," QNX Software Systems Ltd. webpage, (1999); | | | | | | | | | | | | |
| CG | NavisXtend Accounting Server, Ascend Communications, Inc. product information (1997); | | | | | | | | | | | | |
| CH | NavisXtend Fault Server, Ascend Communications, Inc. product information (1997); | | | | | | | | | | | | |
| CI | NavisXtend Provisioning Server, Ascend Communications, Inc. product information (1997); | | | | | | | | | | | | |
| CJ | Network Health LAN/WAN Report Guide, pp. 1-23 | | | | | | | | | | | | |
| CK | "Optimizing Routing Software for Reliable Internet Growth," JUNOS product literature (1998); | | | | | | | | | | | | |
| CL | PMC-Sierra, Inc. website (March 24, 2000); | | | | | | | | | | | | |
| CM | Raddalgoda, M., "Failure-proof Telecommunications Products: Changing Expectations About Networking Reliability with Microkernel RTOS Technology," QNX Software Systems Ltd. webpage, (1999) | | | | | | | | | | | | |
| Examiner | Date Considered: | | | | | | | | | | | | |
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| U.S. PATENT DOCUMENTS | | | | | | | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE* | | |
| AR | 6 0 3 3 2 5 9 | 03/00 | Daoud | 439 | 573 | | | |
| AS | 6 0 4 1 3 0 7 | 03/00 | Ahuja et al. | 705 | 8 | | | |
| AT | 6 0 4 4 5 4 0 | 04/00 | Fontana | 29 | 505 | | | |



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|----|---|---|---|---|---|---|-------|--------------|-----|-----|--|
| AU | 0 | 7 | 8 | 5 | 9 | 5 | 06/00 | Jones et al. | 370 | 503 | |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | | | | | | | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|---|---|---|---|---|---|-------|---------|-------|----------|-------------|----|
| | | | | | | | | | | | | | YES | NO |
| | BF | 9 | 9 | 3 | 0 | 5 | 3 | 0 | 06/99 | PCT | | | | |
| | BG | 9 | 9 | 3 | 5 | 5 | 7 | 7 | 07/99 | PCT | | | | |
| | | | | | | | | | | | | | | |

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

| | | | | | | | | | | | | | | |
|----------|----|---|--|--|--|--|--|--|--|--|--|--|--|--|
| | CN | "Real-time Embedded Database Fault Tolerance on Two Single-board Computers," Polyhedra, Inc. product literature; | | | | | | | | | | | | |
| | CO | "Start Here: Basics and Installation of Microsoft Windows NT Workstation," product literature (1998); | | | | | | | | | | | | |
| | CP | Syndesis Limited product literature, 1999; | | | | | | | | | | | | |
| | CQ | "Using Polyhedra for a Wireless Roaming Call Management System," Polyhedra, Inc., (prior to May 20, 2000); | | | | | | | | | | | | |
| | CR | Veritas Software Corporation webpage, 2000. | | | | | | | | | | | | |
| Examiner | | Date Considered: | | | | | | | | | | | | |
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